Abstract

There are disclosed a non-aqueous electrolyte which comprises a non-aqueous organic solvent and a lithium salt, and further contains a compound represented by the following formula (I):

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wherein X represents -O-, -S-, -CO- or -SO₂, Y represents a single bond, -CH₂-, -CH₂-CH₂-, -CH=CH- or -CO- and R¹ to R⁸ each independently represent a hydrogen atom, an alkyl group, a phenyl group, or a halogen group, provided that X and Y do not represent -CO- at the same time.